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Visioli, A.; Legnani, G.;
Industrial Electronics, IEEE Transactions on
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Digital Object Identifier 10.1109/41.982266

AbstractPlus | References | Full Text: PDF(191 KB)   IEEE JNL
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Saleem, R.M.; Postlethwaite, B.E.;
Control, 1994. Control '94. Volume 2., International Conference on
21-24 Mar 1994 Page(s):1448 - 1452 vol.2

AbstractPlus | Full Text: PDF(248 KB)   IEE CNF

☐ 3. **Artificial neural network model-based run-to-run process controller**
Wang, X.A.; Mahajan, R.L.;
Components, Packaging, and Manufacturing Technology, Part C, IEEE Transa
also Components, Hybrids, and Manufacturing Technology, IEEE Transactions
Volume 19, Issue 1, Jan. 1996 Page(s):19 - 26
Digital Object Identifier 10.1109/3476.484201

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☐ 4. **Performance of a neuro-model-based robot controller: adaptability and n**
Poo, A.N.; Ang, M.H., Jr.; Teo, C.L.; Qing Li;
Intelligent Systems Engineering
Volume 1, Issue 1, Autumn 1992 Page(s):50 - 62

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1 Automated deductive requirements analysis of critical systems

Angelo Gargantini, Angelo Morzenti
July 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,
Volume 10 Issue 3
Publisher: ACM Press

Full text available: 📄 pdf(283.25 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

We advocate the need for automated support to System Requirement Analysis in the development of time- and safety-critical computer-based systems. To this end we pursue an approach based on deductive analysis: high-level, real-world entities and notions, such as events, states, finite variability, cause-effect relations, are modeled through the temporal logic TRIO, and the resulting deductive system is implemented by means of the theorem prover PVS. Throughout the paper, the constructs and f ...

Keywords: finite variability, hybrid systems, state-transition systems, temporal logic, theorem proving

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